

Pacific County Solid Waste Contacts, 2003:

Departments:	Pacific County Public Works	Pacific County Community Development	Pacific County Community Development	Pacific County Community Development	Pacific County Sheriff's Dept.	Pacific County Health District
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Web Site:	http://www.co.pacific.wa.us/public%20works/index.htm	http://www.co.pacific.wa.us/dcd/index.htm	http://www.co.pacific.wa.us/dcd/hhwds.htm	http://www.co.pacific.wa.us/dcd/hhwds.htm	Litter specific web site not found.	http://www.co.pacific.wa.us/dcd/ENVHEALTH.htm
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TDD:						

Pacific County Solid Waste and Moderate Risk Waste Planning Status, 2003		Coordinated Prevention Grants (CPG) 2002 – 2003 Grant Cycle: Funding by Task in Dollars			
County Comprehensive Solid Waste Management Plan: Current Status (Yes/No)	Yes	Grant Fundable Activity	Recipient	Recipient	Total
			Pacific Co Environmental Health	Pacific Co DCD	
		Hazardous Waste Planning and Evaluation	—	—	0
Year Approved:	2000	Household Hazardous Waste Implementation (of county plan)	—	30,000	30,000
		Household Hazardous Waste Collection and Disposal	—	71,625	71,625
Waste Reduction/Recycling Goal:	32% WRR by 1996	Moderate Risk Waste – Capital (costs)	—	—	0
Comments: Implementation		Small Quantity Generator (technical assistance and education)	—	22,575	22,575
		Solid Waste Planning	—	12,424	12,424
		Solid Waste Enforcement	100,000	—	100,000
		Ground Water Monitoring Wells	—	—	0
Moderate Risk Waste Plan: Year Current MRW Plan Approved:	1990; 2000 Operations Plan	Waste Reduction and Recycling Activities	—	—	0
MRW Plan Combined with County's Comprehensive Solid Waste Management Plan? (Yes/No)	No	Waste Reduction and Recycling Capital (costs)	—	—	0
Comments: NONE		Biomedical Waste	—	—	0
		Total	100,000	136,624	236,624

Pilot Grants 2002 – 2003 Cycle: Funding by Task in Dollars							
RECIPIENT	Electronics	Waste Reduction Recycling	Organics	Mercury	Waste Characterization Study	Sustainability	Portion of \$2Million Pilot Funding
NONE							
						Total	

Pacific County Ordinances and Resolutions Related to Solid Waste	
From Pacific County Draft Solid Waste Management Plan:	
Ordinance Number	General Ordinance Description
NONE	NONE
Resolution Number	General Resolution Description

Note:

Solid Waste Infrastructure in Pacific County

Permitted Solid Waste Handling Facilities in Pacific County – March 2004

Facility Type	Name	Public/ Private	Owner
Drop Box Facility	Bay Avenue Drop Box (Pacific Co.)	Private	Peninsula Sanitation Service
Drop Box Facility	Ocean Park Drop Box (Pacific Co.)	Private	Peninsula Sanitation Service
Drop Box Facility	Long Beach Transfer Station	Private	Peninsula Sanitation
Transfer Station	Royal Heights Transfer Station	Private	Royal Heights, Larry Bale
Transfer Station	Long Beach Transfer Station	Private	Pacific Solid Waste
Moderate Risk Waste Fixed Facility	Pacific County MRW Facility	Public	Pacific County DCD
Note:			

Disposal Site Summary for Pacific County (reported in tons) – 2001

Facility	County	MSW	Demolition	Industrial	Inert	Commercial	Wood	Sludge	Asbestos	PCS	Tires	Medical	Other	TOTAL
Roosevelt Regional Landfill-MSW	Klickitat	—	—	31	—	—	—	—	—	—	—	—	—	31
Columbia Ridge, OR	Oregon	—	—	—	—	—	—	—	—	—	—	—	—	0
WASCO Co., OR	Oregon	10,980	—	—	—	—	—	—	—	—	—	—	—	10,980
Weyerhaeuser Reg LP	Cowlitz	—	—	1,894	—	—	—	—	—	—	—	—	—	1,894
County Total		10,980	0	1,925	0	0	0	0	0	0	0	0	0	12,905

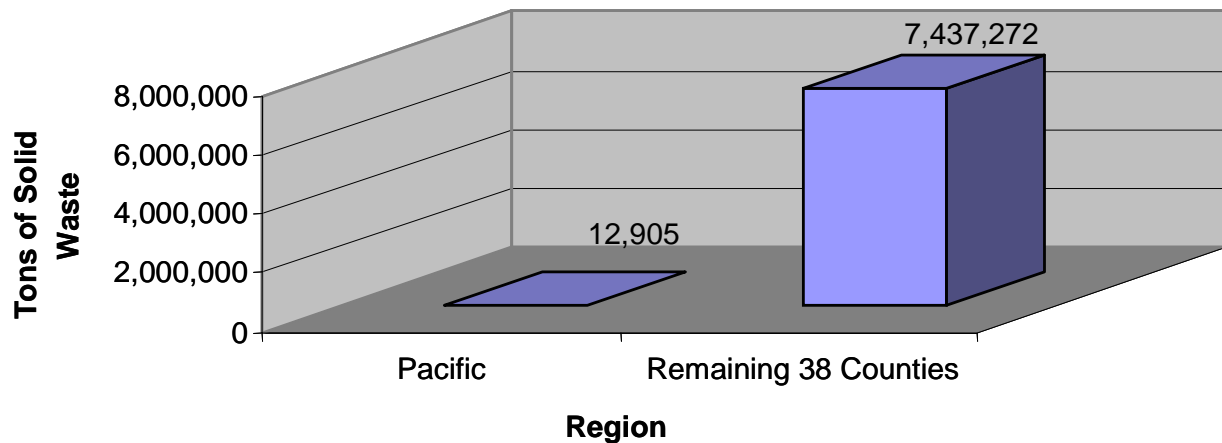
2001 Disposal Site Capacity Summary for Solid Waste Facilities Accepting Waste Generated in Pacific County, Including All Landfills and Energy Recovery

DISPOSAL SITE	Disposal Site Location	Remaining Permitted Capacity - Tons	Remaining Permitted Capacity - Years	Anticipated Closure Date	Facility Reported Tip Fees
Roosevelt Regional Landfill-MSW	Klickitat	133,779,000	71	2073	\$19.75
Columbia Ridge, OR	Oregon	Unknown	Unknown	Unknown	Unknown
WASCO Co., OR	Oregon	Unknown	Unknown	Unknown	Unknown
Weyerhaeuser Regional Landfill	Cowlitz	Unknown	100	2101	Unknown

**Tons of Solid Waste Disposed by Specific Regions 2001:
Comparison of Pacific County to Sum of Remaining 38**

Washington State Counties

2001 Washington State Solid Waste Disposal Total = 7,450,177 tons
(Source: Washington State Department of Ecology)



Tons of Material Composted in Pacific County (by permitted facility) – 2001

Compost Facility Name	Yard waste	Other wood waste	Sawdust	Biosolids	Vegetative food waste	Manure	Post consumer food waste	Mixed municipal solid waste	Other	Total
NONE										

Notes:

Washington State Utilities and Transportation Commission (WUTC) Permitted Solid Waste Carriers in Pacific County (November 4, 2002)

Registered Trade Name of Solid Waste Company	Service Area	Certificate# (G permit)	Tariff #	Collect and Transport: MSW	Collect and Transport: Recyclables	Collect and Transport: Yard Waste	Residential Disposal Rates for Weekly Garbage Service by Container (Monthly charge in dollars)	Recycle Service Charge (When Taken With MSW Service)	Commercial Disposal Rates for Company Owned Containers (per Pickup, Non-Compacted Material)	Referenced Service Level Ordinances
Peninsula Sanitation Service, Inc.	Portion of Pacific County and Portion of Wahkiakum County	G-11	14	Y	N	N	20 gallon mini-can \$10.35; 32 gallon can/unit \$14.35; Multi can/unit service up to 2.	Not Applicable	This service not defined in this tariff for this service area.	None Indicated

Notes:

SINGLE FAMILY RESIDENTIAL SERVICE: None

COMMERCIAL SERVICE: This service is not offered by this company for this service area.

Harold Lemay Enterprises, Inc DBA Harbor Disposal	Portions of southwestern Grays Harbor County and northwestern corner of Pacific County	G-98	11	Y	Y	N	20 gallon mini-can \$10.72; 32 gallon can/unit \$13.94; 65 gallon toter \$19.73; 95 gallon toter \$27.27; Multi can/unit service up to 5 offered.	\$1.10	1 yard dumpster \$12.81; 1.5 yard dumpster \$19.11; 2 yard dumpster \$24.98; 3 yard dumpster \$34.25; 4 yard dumpster \$43.39; 6 yard dumpster \$69.15; 8 yard dumpster: \$86.51	None Indicated
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Notes:

SINGLE FAMILY RESIDENTIAL SERVICE: An MSW rate payer that does not sign up for recycling service pays the recycling charge plus approximately \$1.00 more per unit of MSW service for all service unit sizes offered. Thus, subtract the appropriate value indicated above from rates listed here to arrive at garbage rates for customers receiving both garbage and recycling service.

COMMERCIAL SERVICE: None

General Notes

- The above solid waste carrier information is portrayed **for WUTC regulated solid waste carriers only**.
- Categories of solid waste customers defined by the WUTC include: single family residential, multi-family residential and commercial. **Multi-family rates are not depicted here.**
- Categories of commercial solid waste collection service as defined by the WUTC include: "Container Service - Non-Compacted - Company-owned container"; "Container Service - Non-Compacted - Customer-owned container"; "Container Service - Compacted - Company-owned container"; "Container Service - Compacted - Customer-owned container"; "Drop Box Service - Non-Compacted - Company-owned drop box"; "Drop Box Service - Non-Compacted - Customer-owned drop box"; "Drop Box Service - Compacted - Company-owned drop box"; "Drop Box Service - Compacted - Customer-owned drop box". **The only Commercial rates provided here are: "Container Service - Non-Compacted - Company-owned container".**
- According to statute, Washington State cities have the authority to contract for solid waste hauling services and associated billing, or to provide their own municipal collection service. Counties have not been granted this option by the legislature. However, statute does direct the WUTC to require regulated solid waste collection companies to comply with the service levels set in the local solid waste management plan. The WUTC defines the service area and monetary collection rates for private firms that service all county residents, as well as for private firms that service those municipalities which do not provide garbage collection service or contract for such service.
- **Of the 280 cities in Washington, 187 take advantage of their option to contract for service or provide their own service. Consequently, the WUTC regulates the solid waste haulers that service approximately 49% of the state's population.** (This includes 40% of the state's population that resides in unincorporated areas, and 9% of the state's population that resides in incorporated areas.)
- Currently, there appears to be no complete tabulation of solid waste collection rates charged to residents of Washington State municipalities is available, and thus there is incomplete knowledge of the direct economic impacts of solid waste disposal on approximately 51% of the state's population.
- [A Certificate \(or "G-permit"\) means the certificate of public convenience and necessity issued by the Washington Utilities and Transportation Commission](#) under the provisions of chapter 81.77 RCW for the operation of solid waste collection companies.
- A tariff names rates for the collection, transportation, and disposal of solid waste, and if noted, recycling and yard waste (a document outlining rates, terms and conditions for providing service.) While the G-permit provides an overall legal description of the geographical area in which a carrier is allowed to operate, a tariff defines rates for services and service areas within the geographical area defined in the G-permit. Further, tariffs define the rates a permitted solid waste carrier charges to its residential, multifamily and commercial customers

Major Public Works and Jurisdictional Health Department Solid Waste Activities in Pacific County, 2003

Activity Category and Local Program	X = Present	Clarifying Comments as Needed	Activity Category and Local Program	X = Present	Clarifying Comments as Needed
Composting			Moderate Risk Waste (MRW)		
Home Composting			MRW Fixed Facility	X	
Master Composter			MRW Mobile or Satellite Programs	X	
Native Planting/Xeriscaping			MRW Collection Events	X	
Mulching Mower/Grasscycling			Toxics Reduction Education and Outreach	X	Newspaper articles
Master Gardener			On-site Business Small Quantity Generator SQG/MRW Audits		
Curbside Yard Waste Collection			Conditionally Exempt Small Quantity Generator (CESQG) collection	X	Minimal
Fixed Wood Chipping Operations	X	Jay Alexander takes wood waste at no charge	Persistent Bioaccumulative Toxins (PBT)		
Mobile Wood Chipping Operations			Pesticide Reduction Education for the Public		Newspaper articles
Agricultural Waste Management and Technical Assistance			Pesticide Reduction Education for Business		
Food Composting Programs		Targeted for 2003-05 cycle w/ restaurants	Mercury Reduction Education for the Public		
Rate Structures Encourage Yard Waste Diversion			Mercury Reduction Education for Business		
Built Environment			Partnerships		
Building Industry Education Program			Product Stewardship - Electronics		Possible for 2003-05 cycle, fluorescent tubes
Green Building Codes and or Policy			Product Stewardship - Mercury		
Building Material Reuse/Exchange Program			Product Stewardship - Pesticides		
Demonstration Buildings			Product Stewardship - Solid Waste		
Green Building Certification Programs			Regional Programs - All Categories	Please List:	
Green Built Recognition (Construction Works)					
Residential Waste Reduction and Recycling (WRR)					
Public Education and Program Promotion	X	School outreach and newspaper ads			
Curbside recycling			Solid Waste Enforcement		
Drop box recycling	X		Illegal Dumping Prosecution	X	Dale Little, Solid Waste Enforcement Officer
School Recycling Program			Illegal Dumping Prevention		
Special Collection Events	X		Mandatory Collection Service		
Rate Structures that Encourage Recycling		Looking to change	Enforcing Solid Waste Codes	X	
Waste Exchange Program	X	Minimal wastes stored for exchange	Permit Reviews	X	Demolitions Building Permits
Waste Reduction Program			Ensuring Compliance at Permitted Solid Waste Facilities	X	
Commercial Waste Reduction & Recycling			Ensuring Compliance at Permitted Land Application Sites		
Commercial Recycling Education Program			Additional Comments:		
Curbside Recycling					
Rate Structure that Encourages Recycling					
Waste Exchange Program		Targeted for the 2004-2005 grant cycle			
On-site Commercial Waste Audits					

Diversion, Recycling , Moderate Risk Waste and Waste Disposal

2001 Materials Collected for Recycling & Diversion in Pacific County as reported to the Washington State Department of Ecology by 43 Collectors (Material Sources = Commercial and Residential)				Sites in Pacific County Accepting Specific Recyclable Materials in 2003 (Commercial &/or Residential)		
Reported Materials Collected for Recycling in Pacific County		Reported Materials Diverted From Disposal in Pacific County		Material	# in County	# in State
X	Aluminum Cans	X	Antifreeze	Appliances	2	176
	Aseptic Packaging		Asphalt and Concrete	Batteries	1	372
	Computers		Asphalt Roofing Shingles	CDL Construction Debris	—	159
X	Container Glass		Bricks	Electronics	—	48
X	Corrugated Paper	X	Composting Furnish	Glass	11	329
X	Ferrous Metals		Computer (Refurbished)	HHW Household Hazardous Waste	—	63
	Fluorescent Light Bulbs		Construction & Demolition Debris	Metals	11	466
	Food Waste (post-consumer)		Food Processing Waste	Used oil	3	508
	Ground Rubber (from retreads)		Household Batteries	Paper	11	461
	Gypsum		Incinerator Ash	Plastic	11	394
X	HDPE Plastics		Industrial Batteries	Other/misc.	1	133
X	High Grade		Land Clearing Debris	Note: In this report, "site" refers to a physical location to which households and/or businesses can take a material for recycling. An individual site often accepts more than one type of material; therefore, along the line for a given county, adding the figures below each material heading will result in a sum greater than the figure under "Total Sites".		
	LDPE Plastics		Oil Filters			
X	Mixed Waste Paper		Paint			
X	Newspaper		Rail Road Ties			
X	Non-Ferrous Metals		Rebound Carpet Pad			
	Other Recyclable Plastics		Reuse-Clothing & Household Items			
	Other Rubber Materials (Shoes)		Reuse - Construction & Demolition			
X	PET Bottles		Reuse – Miscellaneous Items			
	Photographic Film		Sweepings and Grit			
X	Rendering		Tires (for Energy Recovery			
	Textiles (rags, clothing, etc.)		Tires (Reused/Resold)			
	Tin Cans	X	Used Oil for Energy Recovery			
X	Tires					
X	Used Oil					
X	Vehicle Batteries					
X	White Goods					
X	Wood Waste					
	Yard Waste					

2001 Participant levels and amounts of HHW and total MRW collected by Pacific County, as reported to the Washington State Department of Ecology

	County Totals	Washington State	County Percentage
County	Pacific	Totals	of State Total
County Population (from http://www.census.gov)	21,000	5,970,247	0.35
Total HHW lbs (no Used Oil)	50,088	15,638,009	0.32
Used Oil lbs. (see note 1)	—	11,280,112	—
CESQG lbs.	11,911	978,732	1.22
MRW lbs.	61,999	27,896,853	0.22
Number of County Housing Units (see note 2)	14,106	2,511,054	0.56
MRW lbs./housing unit	4.40		
Total HHW Participants	296	148,697	0.20
% Participation	0.02		
HHW Cost/Participant	\$136.76		

Note 1: "US pounds - used oil collected at specific used oil sites"

Note 2: "H.U. Housing Units equals number of households taken from Office of Financial Management, 2001 Data Book"

Note 3: "NR - Not Reported"

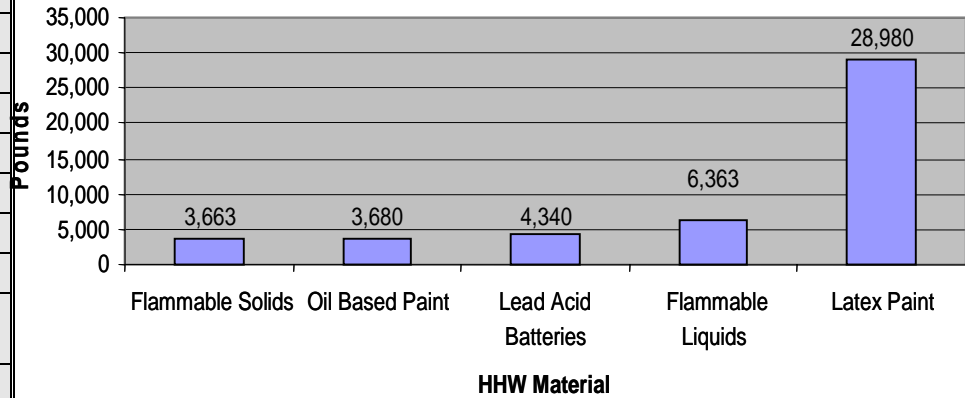
Note 4: "NA - Not applicable because data not reported"

2001 Specific Waste Types Collected by Pacific County: HHW & CESQG (Pounds)

Waste Type	Pounds HHW Collected	Pounds CESQG Collected
Acids	120	
Acids, aerosols	—	
Antifreeze	2	
Bases	140	
Bases, aerosols	—	
CFC/ Freon	—	
CFC/ Freon filters	—	
Chlorinated Solvents	—	
Batt:N,L,NIMH	—	
Dry Cell Batteries	—	
Flammable Solids	3,663	
Flammable Liquids	6,363	
Flammable Liquids, aerosols	—	
Flammable Liquids Poison	2,100	
Flammable Liq. Pois.(aerosols)	—	
Flammable Gas	—	
Flammable Gas Poison	—	
Flammable Gas Pois.(aerosols)	420	
Latex Paint	28,980	
Lead Acid Batteries	4,340	
Oil Based Paint	3,680	
Oil Contaminated	—	
Oil Filters	—	
Oil Filters Crushed	—	
Oil Non-Contaminated	—	
Oil with Chlorides	—	
Oil with PCBs	—	
Other Dangerous Waste	—	
Organic Peroxides	—	
Oxidizers	280	
Personal Protect. Equip.	—	
Pesticide/Poison Liq	—	
Pesticide/Poison Sol	—	
Reactives	—	
Mercury	—	
TOTALS	50,088	

Five Greatest Household Hazardous Waste (HHW) Materials Collected by Pacific County, 2001 (Pounds)

(Source: Washington State Department of Ecology)



Five Greatest CESQG Materials Collected by Lincoln County, 2001 (Pounds)

No graphic because no activity reported.

Washington State Litter Tax Funded Litter Program Activity in Pacific County, 2001

Roads	Interstate	State	County	Total	% of State total	Rank in State		
Center Line Miles	—	164	349	513	1.08	34		
Miles Driven (thousands)	—	499	80	579	0.53	31		
Area (Square Miles)				975	1.46	29		
DOT Rating	1999	2000	2001					
	4.0	3.6	2.9					
Litter Program	Hours	Miles	Acres	Number of Dumps	Litter Pounds	Illegal Dump Pounds	Recycle Pounds	Total Pounds
Ecology Youth Corps (EYC)	820	38	46	—	1,238	—	420	2,562
Community Litter Cleanup Program (CLCP)	3,596	838	—	90	102,880	107,400	—	214,804
Department of Corrections (DOC)	—	—	—	—	—	—	—	0
Department of Natural Resources (DNR)	1,710	10	17	8	5,670	19,180	—	26,595
Total	6,126	886	63	98	109,788	126,580	420	243,961

Note: DNR does not report recycling separately.

Community Litter Cleanup (CLCP) 2002-2003 Grant Cycle: Funding Applied by Task (\$)						Litter Education Efforts, Pacific County, 2002
Recipients	Task: Litter & Illegal Dumps	Task: Education	Task: Tools & Trucks	Total Contract Amount		Pacific County does not have a litter education program within the context of their litter contract.
Pacific Co Dept of Community Development	74,595	—	2,350	76,945		

Litter Crew Organization, Pacific County, 2002

The litter program is up and running. It is operated by the Sheriff's Department, and is coordinated with grant funds from DOT. The commissioners signed the grant and directed the funds to the Sheriff's Department.

2002 Biosolids Production and Land Application Information in Dry Tons for Pacific County, (See footnotes)

Facility Name	Class of Biosolids	Compost Biosolids	Total Biosolids Produced	Total Land Applied	Total Land Applied: by Specific Application Site Categories							Landfilled	Incinerated	Transported to Another Facility	Name of "Transported To" Facility	Received from Another Facility	Name of "Received From" Facility and Associated Dry Tons
					Agricultural Land	Range Land	Forest	Public Contact Site	Reclamation Site	Sold/Given Away	Lawn Garden						
Ilwaco WWTP	B		49.4	49.4	49.4	—	—	—	—	—	—	—	—	—		—	
Long Beach WWTP	B		33	33	—	—	33	—	—	—	—	—	—	—		—	
Naselle Youth Camp STP			3.8	—	—	—	—	—	—	—	—	—	—	3.8	Bio Recycling - Centralia	—	
Raymond WWTP			1089.84	—	—	—	—	—	—	—	—	1089.84	—	—		—	
South Bend WWTP			—	—	—	—	—	—	—	—	—	—	—	—		—	
Surfside Inn Condo #1 STP			3.14	—	—	—	—	—	—	—	—	—	—	3.14	Bio Recycling - Centralia	—	
COUNTY TOTAL			1179.18	82.4	49.4	0	33	0	0	0	0	1089.84	0	6.94		0	
STATE TOTAL			94972.14	79282.89	57415.12	4417.09	8349.74	174.72	1729.2	4292.72	2904.3	3646.08	14988.03	25840.11		79282.89	

- 1) Data used here are gathered from individual facilities and consolidated into a main database from which this spreadsheet is derived. Referral to the actual report forms is suggested in order to resolve questions or before drawing conclusions.
- 2) Facilities which show zero production are for year 2002 only. Production amounts can vary by large amounts from year to year depending on lagoon cleanout operations, etc.
- 3) For the categories related to TRANSPORT TO and RECEIVED FROM, tonnage sums are totaled and reported in parentheses if the sums are different from that reported by the facility. Reasons for discrepancies are varied and need to be investigated on an individual basis if needed.
- 4) The term "ctd." means that the data for the facility is continued in another column where extra lines were used so that additional data could be included.
- 5) WWTP = Waste Water Treatment Plant; STP = Sewage Treatment Plant; BS = Biosolids; LSP = Lime Stabilization Plant; POTW = Publicly Owned Treatment Works.

Pacific County Solid Waste Priorities and Needs for the Near Future:

- Disposal of seafood processor wastes (millions of pounds per year)
- Contractor/construction debris

Pacific County's Projected Solid Waste Income and Spending, 1999 (as compiled by Jeff Kelly-Clarke, Director, Snohomish County Public Works)

Spending

Total Spending	Waste Handling*	LF Monitoring	Waste Reduction and Recycling	Moderate Risk Waste	Planning	Administration	Debt Service	Other	Capital Facilities/Closure	To Fund Balance	Operating Budget
\$188,000	\$0	\$0	\$8,000	\$129,000	\$7,000	\$0	\$0	\$44,000	\$0	\$0	\$188,000

* "Waste Handling" includes transfer operations

Income

Total Revenue	Fees from Disposal	Other service fees	Dist./city fees	Grants	Interest	Fund Balance	Other	Total Revenue
\$188,000	\$53,000	\$1,000	\$0	\$125,000	\$0	\$9,000	\$0	\$188,000

Notes:

Web Links for Additional County by County Information

Description of Subject Matter	Website Address
State and County Census 2000 Profiles for Washington State	http://www.census.gov/prod/cen2000/dp1/2kh53.pdf
Washington Trends	http://www.ofm.wa.gov/trends/index.htm
Variety of County and City Data	http://www.ofm.wa.gov/localdata/index.htm